
		<h1 style="text-align: center;">AWARD/ MODIFICATION</h1>		3a. ISSUED BY: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995	
				3b. CFDA: 12.300	
1. INSTRUMENT TYPE: Grant		2. AUTHORITY: 10 USC 2358, 31 USC 6304		3c. DUNS NUMBER:	
4. AWARD NO.: N00014-10-1-0084		5. MODIFICATION NO.:		6. MODIFICATION TYPE: New	
8. ACTIVITY/AGENCY PROPOSAL NO.: N/A		9. RECIPIENT PROPOSAL NO.: 110-0304R1		7. PR NO.: 10PR02158-00	
13. ISSUED TO 13a. ADDRESS:  UNIVERSITY OF MASSACHUSETTS AMHERST OFFICE OF GRANT AND CONTRACT ADMINISTRATION 70 BUTTERFIELD TERRACE AMHERST, MA 01003-9333		13b. CAGE: 1KVP4		13c. ED/EFT NUMBER: 7108AB	
13d. BUSINESS OFFICE CONTACT: CAROL P SPRAGUE		14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13): Same as block #13			
13e. TELEPHONE NUMBER: ( )					
13f. EMAIL ADDRESS:					
15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE: Mechanisms for electron transfer through electrochemically active biofilms					
16. FUNDING		ACTIVITY/AGENCY SHARE		RECIPIENT SHARE	
PREVIOUSLY OBLIGATED:		\$ .00		\$ .00	
OBLIGATED BY THIS ACTION:		\$154,556.70		\$ .00	
TOTAL OBLIGATED ON AWARD:		\$154,556.70		\$154,556.70	
FUTURE FUNDING:		\$466,951.57		\$ .00	
GRANT TOTAL:		\$621,508.27		\$621,508.27	
17. CURRENT FUNDING PERIOD N/A THROUGH N/A					
18. PERIOD OF PERFORMANCE 01-JAN-10 THROUGH 31-DEC-12					
19. ACCOUNTING AND APPROPRIATION DATA: See attached Financial Accounting Data Sheet: (s)					
20a. PRINCIPAL INVESTIGATOR/RECIPIENT TECHNICAL REPRESENTATIVE: DEREK R LOVLEY		21. TECHNICAL REPRESENTATIVE 21a. NAME: Linda A. Chrisey 21c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995		21b. CODE: ONR 341	
20b. TELEPHONE NUMBER: (413) 5459651		20c. EMAIL ADDRESS: dlovley@microbio.umass.edu		21d. TELEPHONE NUMBER: (703) 696-4504	
21e. EMAIL ADDRESS: CHRISL@ONR.NAVY.MIL		22. AWARDOFFICE CONTACT 22a. NAME: Carol A. Porter		22b. CODE: ONR BD025	
22c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995		23a. ADMINISTRATIVE OFFICE:  ONR REG BOSTON N62879 495 SUMMER STREET ROOM 627 BOSTON, MA 02210-2109 PHONE: (617) 753-3283 FAX: (617) 753-4605		23b. CODE: N62879	
22d. TELEPHONE NUMBER: (703) 696-2587		22e. EMAIL ADDRESS: PORTERC@ONR.NAVY.MIL		24. SUBMIT PAYMENT REQUEST TO: Same as block #23a	
25a. PAYING OFFICE:  DFAS COLUMB-NAVY ACQ HQ0251 COLUMBUS, OH 43213		25b. CODE: HQ0251		26a. PATENT OFFICE: Office of Naval Research ATTN: ONR BDCC One Liberty Center 875 North Randolph Street, Suite 1425 Arlington, VA 22203-1995	
				26b. CODE: N00014	

AWARD NO. N00014-10-1-0084		<b>AWARD/MODIFICATION</b>		MODIFICATION NO.	
27. SPECIAL INSTRUCTIONS: See "Special Requirements" Attachment					
28. DELEGATIONS: The administration duties listed below have been delegated to the administrative office (block 23a). Upon request the awarding office contact (block 22) will make their full text available. Please direct questions to the contacts @: <a href="http://www.onr.navy.mil/02/024/offices.asp">http://www.onr.navy.mil/02/024/offices.asp</a>					
Full Delegation					
29. TERMS AND CONDITIONS: The following terms and conditions are incorporated herein by reference with the same force and effect as if they were given in full text. Upon request the awarding office contact named in block 22 will make their full text available, or they can be found at the specified URL.					
DOCUMENT		URL			
UAAC Acceptance C November 2003		<P> <U> <a href="http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx">http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx</a> </U> </P>			
Agency Specific April 2009		<P> <U> <a href="http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx">http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx</a> </U> </P>			
UAWA Award A November 2003		<P> <U> <a href="http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx">http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx</a> </U> </P>			
Core July 2008		<P> <U> <a href="http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx">http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx</a> </U> </P>			
30. OPTIONS      OPTION NO.      AMOUNT      PERIOD					
(1)					
(2)					
(3)					
(4)					
31. REPORTS: The following reports must be submitted to the indicated addressees, in the indicated quantities, within 90 days following the expiration or termination of the project. Final Technical Reports must have a SF298, Report Documentation Page, accompanying them. Unless otherwise stated in the award/modification, complete Block 12a of the SF298 as follows: "Approved for Public Release; distribution is Unlimited".					
ADDRESSEE		REPORT TYPE		COPIES	
See block #21 (Frequency)		Final Technical Report with SF298 Performance/Technical Report (As Required) with SF298		1 1	
See block #23a		Report of Inventions and Subcontracts - DD 882 Final Technical Report - Transmittal Letter only Performance/Technical Report (As Required) Final Federal Financial Status Report - SF425 - Including Line Item 11		1 1 1 1	
Defense Technical Information Center 8725 John J Kingman Road Ste 0944 Fort Belvoir, VA 22060-6218		Final Technical Report with SF298 Performance/Technical Report (As Required) with SF298		1 1	
See block #26a		Report of Inventions and Subcontracts - DD 882		1	
Naval Research Laboratory ATTN: CODE 5596 4555 Overlook Avenue SW Washington, DC 20375-5320		Final Technical Report Performance/Technical Report (As Required) with SF298		1 1	
32. FOR THE RECIPIENT			33. FOR THE UNITED STATES OF AMERICA		
32a. SIGNATURE OF PERSON AUTHORIZED TO SIGN  N/A - SIGNATURE NOT REQUIRED ON THIS AWARD			33a. SIGNATURE OF AWARDOFFICER (b) (6)		
32b. NAME AND TITLE OF SIGNER		32c. DATE SIGNED		33b. NAME AND TITLE OF AWARD OFFICER Carol A. Porter	
				33c. DATE SIGNED 27-JAN-10	





AWARD NO. N00014-10-1-0084	<b>SPECIAL REQUIREMENTS</b>	MODIFICATION NO.	
<p>"This grant is funded with Fiscal Year 2010 basic research appropriations and is subject to the reimbursement limit on indirect costs set forth in Section 8101 of the Department of Defense Appropriations Act, 2010, (P.L. 111-118). Payment of indirect costs for research with funds obligated by this action may not exceed 35% of the total funds provided under this grant action."</p>			

		<h1 style="text-align: center;">AWARD/ MODIFICATION</h1>		3a. ISSUED BY: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995	
				3b. CFDA: 12.300	
1. INSTRUMENT TYPE: Grant		2. AUTHORITY: 10 USC 2358, 31 USC 6304		3c. DUNS NUMBER:	
4. AWARD NO.: N00014-10-1-0084		5. MODIFICATION NO.: P00008		6. MODIFICATION TYPE: Increment	
7. PR NO.: 13PR02202-00		8. ACTIVITY/AGENCY PROPOSAL NO.: N/A		9. RECIPIENT PROPOSAL NO.: 110-0304R1	
10. PROPOSAL DATE: 17-SEP-09		11. ACTIVITY TYPE: onr		12. PROGRAM TYPE: onr	
13. ISSUED TO 13a. ADDRESS: UNIVERSITY OF MASSACHUSETTS AMHERST OFFICE OF GRANT AND CONTRACT ADMINISTRATION 70 BUTTERFIELD TERRACE AMHERST, MA 01003-9333		13b. CAGE: 1KVP4		13c. EDI/EFT NUMBER: 7108AB	
13d. BUSINESS OFFICE CONTACT: CAROL P SPRAGUE		14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13): Same as block #13			
13e. TELEPHONE NUMBER: ( )					
15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE: Mechanisms for electron transfer through electrochemically active biofilms					
16. FUNDING		ACTIVITY/AGENCY SHARE		RECIPIENT SHARE	
PREVIOUSLY OBLIGATED:		\$569,989.37		\$569,989.37	
OBLIGATED BY THIS ACTION:		\$51,518.90		\$51,518.90	
TOTAL OBLIGATED ON AWARD:		\$621,508.27		\$621,508.27	
FUTURE FUNDING:		\$0.00		\$0.00	
GRANT TOTAL:		\$621,508.27		\$621,508.27	
17. CURRENT FUNDING PERIOD N/A THROUGH N/A					
18. PERIOD OF PERFORMANCE 01-JAN-10 THROUGH 31-DEC-12					
19. ACCOUNTING AND APPROPRIATION DATA: See attached Financial Accounting Data Sheet (s)					
20a. PRINCIPAL INVESTIGATOR/RECIPIENT TECHNICAL REPRESENTATIVE: DEREK R LOVLEY		21. TECHNICAL REPRESENTATIVE 21a. NAME: Linda A. Chrisey		21b. CODE: ONR 342	
		21c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995			
20b. TELEPHONE NUMBER: (413) 5459651		20c. EMAIL ADDRESS: dlovley@microbio.umass.edu		21d. TELEPHONE NUMBER: (703) 696-4504	
21e. EMAIL ADDRESS: CHRISL2ONR.NAVY.MIL		22. AWARDING OFFICE CONTACT 22a. NAME: Carol A. Porter		22b. CODE: ONR BD025	
22c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995		23a. ADMINISTRATIVE OFFICE: ONR REG BOSTON N62879 495 SUMMER STREET ROOM 627 BOSTON, MA 02210-2109 PHONE: (617) 753-3283 FAX: (617) 753-4605			
22d. TELEPHONE NUMBER: (703) 696-2587		22e. EMAIL ADDRESS: PORTERC@ONR.NAVY.MIL		23b. CODE: N62879	
24. SUBMIT PAYMENT REQUEST TO: Same as block #23a		25a. PAYING OFFICE: DFAS COLUMB-NAVY ACQ HQ0251 COLUMBUS, OH 43213		25b. CODE: HQ0251	
		26a. PATENT OFFICE: Office of Naval Research ATTN: ONR BDCC One Liberty Center 875 North Randolph Street, Suite 1425 Arlington, VA 22203-1995			
		26b. CODE: N00014			

AWARD NO. N00014-10-1-0084		<b>AWARD/MODIFICATION</b>		MODIFICATION NO. P00008	
27. SPECIAL INSTRUCTIONS: See "Special Requirements" Attachment					
28. DELEGATIONS: The administration duties listed below have been delegated to the administrative office (block 23a). Upon request the awarding office contact (block 22) will make their full text available. Please direct questions to the contacts @: <a href="http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx">http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx</a>					
Full Delegation					
29. TERMS AND CONDITIONS: The following terms and conditions are incorporated herein by reference with the same force and effect as if they were given in full text. Upon request the awarding office contact named in block 22 will make their full text available, or they can be found as described below.					
DOCUMENT The following documents may be found at: <a href="http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx">http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx</a>  UAAC Acceptance C November 2003 Agency Specific February 2011 UAWA Award A November 2003 Core June 2011					
30. OPTIONS		OPTION NO.	AMOUNT	PERIOD	
(1)					
(2)					
(3)					
(4)					
31. REPORTS: The following reports must be submitted to the indicated addressees, in the indicated quantities, within 90 days following the expiration or termination of the project. Final Technical Reports must have a SF298, Report Documentation Page, accompanying them. Unless otherwise stated in the award/modification, complete Block 12a of the SF298 as follows: "Approved for Public Release; distribution is Unlimited".					
ADDRESSEE		REPORT TYPE		COPIES	
See block #21		Final Technical Report with SF298 Interim Research Performance Report (As Required) with SF298		1 1	
See block #23a		Report of Inventions and Subcontracts - DD 882 Final Technical Report Interim Research Performance Report (As Required) Final Federal Financial Status Report - SF425 - Including Line Item 11		1 1 1 1	
Defense Technical Information Center 8725 John J Kingman Road Ste 0944 Fort Belvoir, VA 22060-6218		Final Technical Report with SF298 Interim Research Performance Report (As Required) with SF298		1 1	
See block #26a		Report of Inventions and Subcontracts - DD 882		1	
Naval Research Laboratory ATTN: CODE 5596 4555 Overlook Avenue SW Washington, DC 20375-5320		Final Technical Report Interim Research Performance Report (As Required) with SF298		1 1	
32. FOR THE RECIPIENT			33. FOR THE UNITED STATES OF AMERICA		
32a. SIGNATURE OF PERSON AUTHORIZED TO SIGN  N/A - SIGNATURE NOT REQUIRED ON THIS AWARD			33a. SIGNATURE OF AWARING OFFICER  (b) (6)		
32b. NAME AND TITLE OF SIGNER		32c. DATE SIGNED		33b. NAME AND TITLE OF AWARD OFFICER Ellen Simonoff	
				33c. DATE SIGNED 27-NOV-12	






# FINANCIAL ACCOUNTING DATA SHEET – NON-NAVY DoD ACTIVITIES

1. CONTRACT NUMBER (CRITICAL) N00014-10-1-0084		2. SPIN (CRITICAL)	3. MOD (CRITICAL) P00008	4. PR NUMBER 13PR02202-00		
5. CLINSLIN	6. ACRN (CRITICAL)	7. ACCOUNTING CITATION			8. AMOUNT (CRITICAL)	NAVY INTERNAL USE ONLY REF DOCIACRN
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					PAGE TOTAL \$ .00	
					GRAND TOTAL \$ .00	
PREPARED/AUTHORIZED BY:		COMPTROLLER APPROVAL: FOR FISCAL DATA AND SIGNATURE				
DATE:		BY _____ for COMPTROLLER, ONR CONTRACT REVIEWED DATE:				

AWARD NO. N00014-10-1-0084	<b>SPECIAL REQUIREMENTS</b>	MODIFICATION NO. P00008	

			<h1 style="text-align: center;">AWARD/ MODIFICATION</h1>			3a. ISSUED BY: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995		
						3b. CFDA: 12.300		
4. AWARD NO.: N00014-10-1-0084			5. MODIFICATION NO.: P00007			6. MODIFICATION TYPE: Increment		
8. ACTIVITY/AGENCY PROPOSAL NO.: N/A			9. RECIPIENT PROPOSAL NO.: 110-0304R1			10. PROPOSAL DATE: 17-SEP-09		
13. ISSUED TO 13a. ADDRESS:  UNIVERSITY OF MASSACHUSETTS AMHERST OFFICE OF GRANT AND CONTRACT ADMINISTRATION 70 BUTTERFIELD TERRACE AMHERST, MA 01003-9333			13b. CAGE: 1KVP4			13c. ED/EFT NUMBER: 7108AB		
13d. BUSINESS OFFICE CONTACT: CAROL P SPRAGUE			13e. TELEPHONE NUMBER: ( )			13f. EMAIL ADDRESS:		
14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13): Same as block #13								
15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE: Mechanisms for electron transfer through electrochemically active biofilms								
16. FUNDING				ACTIVITY/AGENCY SHARE		RECIPIENT SHARE		TOTAL
PREVIOUSLY OBLIGATED:				\$519,978.67		\$ .00		\$519,978.67
OBLIGATED BY THIS ACTION:				\$50,010.70		\$ .00		\$50,010.70
TOTAL OBLIGATED ON AWARD:				\$569,989.37		\$ .00		\$569,989.37
FUTURE FUNDING:				\$51,518.90		\$ .00		\$51,518.90
GRANT TOTAL:				\$621,508.27		\$ .00		\$621,508.27
17. CURRENT FUNDING PERIOD N/A THROUGH N/A								
18. PERIOD OF PERFORMANCE 01-JAN-10 THROUGH 31-DEC-12								
19. ACCOUNTING AND APPROPRIATION DATA: See attached Financial Accounting Data Sheet (s)								
20a. PRINCIPAL INVESTIGATOR/RECIPIENT TECHNICAL REPRESENTATIVE: DEREK R LOVLEY				21. TECHNICAL REPRESENTATIVE 21a. NAME: Linda A. Chrisey 21c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995				21b. CODE: ONR 342
20b. TELEPHONE NUMBER: (413) 5459651		20c. EMAIL ADDRESS: dlovley@microbio.umass.edu		21d. TELEPHONE NUMBER: (703) 696-4504		21e. EMAIL ADDRESS: CHRISL@ONR.NAVY.MIL		
22. AWARDOFFICE CONTACT 22a. NAME: Carol A. Porter			22b. CODE: ONR BD025			23a. ADMINISTRATIVE OFFICE: ONR REG BOSTON N62879 495 SUMMER STREET ROOM 627 BOSTON, MA 02210-2109 PHONE: (617) 753-3283 FAX: (617) 753-4605		
22c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995			22d. TELEPHONE NUMBER: (703) 696-2587			22e. EMAIL ADDRESS: PORTERC@ONR.NAVY.MIL		
24. SUBMIT PAYMENT REQUEST TO: Same as block #23a			25a. PAYING OFFICE: DFAS COLUMB-NAVY ACQ HQ0251 COLUMBUS, OH 43213			25b. CODE: HQ0251		
						26a. PATENT OFFICE: Office of Naval Research ATTN: ONR BDCC One Liberty Center 875 North Randolph Street, Suite 1425 Arlington, VA 22203-1995		
						26b. CODE: N00014		

AWARD NO. N00014-10-1-0084		<b>AWARD/MODIFICATION</b>		MODIFICATION NO. P00007	
27. SPECIAL INSTRUCTIONS: See "Special Requirements" Attachment					
28. DELEGATIONS: The administration duties listed below have been delegated to the administrative office (block 23a). Upon request the awarding office contact (block 22) will make their full text available. Please direct questions to the contacts @: <a href="http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx">http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx</a>					
Full Delegation					
29. TERMS AND CONDITIONS: The following terms and conditions are incorporated herein by reference with the same force and effect as if they were given in full text. Upon request the awarding office contact named in block 22 will make their full text available, or they can be found as described below.					
DOCUMENT The following documents may be found at: <a href="http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx">http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx</a>  UAAC Acceptance C November 2003 Agency Specific February 2011 UAWA Award A November 2003 Core June 2011					
30. OPTIONS		OPTION NO.	AMOUNT	PERIOD	
(1)					
(2)					
(3)					
(4)					
31. REPORTS: The following reports must be submitted to the indicated addressees, in the indicated quantities, within 90 days following the expiration or termination of the project. Final Technical Reports must have a SF298, Report Documentation Page, accompanying them. Unless otherwise stated in the award/modification, complete Block 12a of the SF298 as follows: "Approved for Public Release; distribution is Unlimited".					
ADDRESSEE		REPORT TYPE			COPIES
See block #21		Final Technical Report with SF298 Interim Research Performance Report (As Required) with SF298			1 1
See block #23a		Report of Inventions and Subcontracts - DD 882 Final Technical Report Interim Research Performance Report (As Required) Final Federal Financial Status Report - SF425 - Including Line Item 11			1 1 1 1
Defense Technical Information Center 8725 John J Kingman Road Ste 0944 Fort Belvoir, VA 22060-6218		Final Technical Report with SF298 Interim Research Performance Report (As Required) with SF298			1 1
See block #26a		Report of Inventions and Subcontracts - DD 882			1
Naval Research Laboratory ATTN: CODE 5596 4555 Overlook Avenue SW Washington, DC 20375-5320		Final Technical Report Interim Research Performance Report (As Required) with SF298			1 1
32. FOR THE RECIPIENT			33. FOR THE UNITED STATES OF AMERICA		
32a. SIGNATURE OF PERSON AUTHORIZED TO SIGN  N/A - SIGNATURE NOT REQUIRED ON THIS AWARD			33a. SIGNATURE OF AWARDING OFFICER  (b) (6)		
32b. NAME AND TITLE OF SIGNER		32c. DATE SIGNED		33b. NAME AND TITLE OF AWARD OFFICER Ellen Simonoff	
				33c. DATE SIGNED 17-JAN-12	


# FINANCIAL ACCOUNTING DATA SHEET - NAVY

1. CONTRACT NUMBER (CRITICAL) N00014-10-1-0084		2. SPIN (CRITICAL)		3. MOD (CRITICAL) P00007		4. PR NUMBER 12PR01012-04								
8. LINE OF ACCOUNTING		C. SUBHEAD (CRITICAL)		D. OBJ CLA	E. PARM	F. RFM	G. SA	H. AAA (CRITICAL)	I. IT	J. PAA	K. COST CODE PROJ UNIT MCC	POLI & SUF	7. AMOUNT (CRITICAL)	NAVY INTERNAL USE ONLY REF DOC/ACRN
CLIN/SLIN	A. ACRN (CRITICAL)	B. APPROPRIATION (CRITICAL)	WIAE	410	RA	349	0	068342	2D	000000	04502	000	5120	PR#12PR01012-04 FRC:4512
	AC	1721319												
PAGE TOTAL													\$50,010.70	
GRAND TOTAL													\$50,010.70	
PREPARED/AUTHORIZED BY:														
COMPTROLLER APPROVAL: FOR FISCAL DATA AND SIGNATURE BY _____ DATE: _____ for COMPTROLLER, ONR CONTRACT REVIEWED														

# FINANCIAL ACCOUNTING DATA SHEET – NON-NAVY DoD ACTIVITIES

1. CONTRACT NUMBER (CRITICAL) N00014-10-1-0084		2. SPIIN (CRITICAL)	3. MOD (CRITICAL) P00007	4. PR NUMBER 12PR01012-04		
5. CLIN/SUN	6. ACRN (CRITICAL)	7. ACCOUNTING CITATION			8. AMOUNT (CRITICAL)	NAVY INTERNAL USE ONLY REF DOC/ACRN
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<div> <div>PAGE TOTAL</div> <div>GRAND TOTAL</div> </div>						<div>\$ .00</div> <div>\$ .00</div>
PREPARED/AUTHORIZED BY: _____ DATE: _____				COMPTROLLER APPROVAL: FOR FISCAL DATA AND SIGNATURE BY _____ DATE: _____ for COMPTROLLER, ONR CONTRACT REVIEWED		

AWARD NO. N00014-10-1-0084	<b>SPECIAL REQUIREMENTS</b>	MODIFICATION NO. P00007	

		<h1 style="text-align: center;">AWARD/ MODIFICATION</h1>		3a. ISSUED BY: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995	
				3b. CFDA: 12.300	
1. INSTRUMENT TYPE: Grant		2. AUTHORITY: 10 USC 2358, 31 USC 6304		3c. DUNS NUMBER:	
4. AWARD NO.: N00014-10-1-0084		5. MODIFICATION NO.: P00006		6. MODIFICATION TYPE: Increment	
8. ACTIVITY/AGENCY PROPOSAL NO.: N/A		9. RECIPIENT PROPOSAL NO.: 110-0304R1		7. PR NO.: 12PR01012-03	
13. ISSUED TO 13a. ADDRESS:  UNIVERSITY OF MASSACHUSETTS AMHERST OFFICE OF GRANT AND CONTRACT ADMINISTRATION 70 BUTTERFIELD TERRACE AMHERST, MA 01003-9333		13b. CAGE: 1KVP4		13c. EDI/EFT NUMBER: 7108AB	
13d. BUSINESS OFFICE CONTACT: CAROL P SPRAGUE		14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13): Same as block #13		12. PROGRAM TYPE: onr	
13e. TELEPHONE NUMBER: ( )		13f. EMAIL ADDRESS:		15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE: Mechanisms for electron transfer through electrochemically active biofilms	
16. FUNDING		ACTIVITY/AGENCY SHARE		RECIPIENT SHARE	
PREVIOUSLY OBLIGATED:		\$469,967.98		\$0.00	
OBLIGATED BY THIS ACTION:		\$50,010.69		\$0.00	
TOTAL OBLIGATED ON AWARD:		\$519,978.67		\$0.00	
FUTURE FUNDING:		\$101,529.60		\$0.00	
GRANT TOTAL:		\$621,508.27		\$0.00	
17. CURRENT FUNDING PERIOD N/A THROUGH N/A		18. PERIOD OF PERFORMANCE 01-JAN-10 THROUGH 31-DEC-12		19. ACCOUNTING AND APPROPRIATION DATA: See attached Financial Accounting Data Sheet (s)	
20a. PRINCIPAL INVESTIGATOR/RECIPIENT TECHNICAL REPRESENTATIVE: DEREK R LOVLEY		21. TECHNICAL REPRESENTATIVE 21a. NAME: Linda A. Chrisey 21c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995		21b. CODE: ONR 342	
20b. TELEPHONE NUMBER: (413) 5459651		20c. EMAIL ADDRESS: dlovley@microbio.umass.edu		21d. TELEPHONE NUMBER: (703) 696-4504	
21e. EMAIL ADDRESS: CHRISL@ONR.NAVY.MIL		22. AWARDING OFFICE CONTACT 22a. NAME: Carol A. Porter 22c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995		22b. CODE: ONR BD025	
22d. TELEPHONE NUMBER: (703) 696-2587		22e. EMAIL ADDRESS: PORTERC@ONR.NAVY.MIL		23a. ADMINISTRATIVE OFFICE:  ONR REG BOSTON N62879 495 SUMMER STREET ROOM 627 BOSTON, MA 02210-2109 PHONE: (617) 753-3283 FAX: (617) 753-4605	
23b. CODE: N62879		24. SUBMIT PAYMENT REQUEST TO: Same as block #23a		25a. PAYING OFFICE:  DFAS COLUMB-NAVY ACQ HQ0251 COLUMBUS, OH 43213	
25b. CODE: HQ0251		26a. PATENT OFFICE:  Office of Naval Research ATTN: ONR BDCC One Liberty Center 875 North Randolph Street, Suite 1425 Arlington, VA 22203-1995		26b. CODE: N00014	








# FINANCIAL ACCOUNTING DATA SHEET – NON-NAVY DoD ACTIVITIES

1. CONTRACT NUMBER (CRITICAL) N00014-10-1-0084		2. SPIIN (CRITICAL)	3. MOD (CRITICAL) P00006	4. PR NUMBER 12PR01012-03		
5. CLIN/SLIN	6. ACRN (CRITICAL)	7. ACCOUNTING CITATION			8. AMOUNT (CRITICAL)	NAVY INTERNAL USE ONLY REF DOC/ACRN
		This page is intentionally blank				
					PAGE TOTAL \$ .00	
					GRAND TOTAL \$ .00	
PREPARED/AUTHORIZED BY:		COMPTROLLER APPROVAL: FOR FISCAL DATA AND SIGNATURE				
DATE:		BY _____ for COMPTROLLER, ONR CONTRACT REVIEWED DATE:				

AWARD NO. N00014-10-1-0084	<b>SPECIAL REQUIREMENTS</b>	MODIFICATION NO. P00006
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		<h1 style="text-align: center;">AWARD/ MODIFICATION</h1>		3a. ISSUED BY: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995	
				3b. CFDA: 12.300	
1. INSTRUMENT TYPE: Grant		2. AUTHORITY: 10 USC 2358, 31 USC 6304		3c. DUNS NUMBER:	
4. AWARD NO.: N00014-10-1-0084		5. MODIFICATION NO.: P00005		6. MODIFICATION TYPE: Increment	
7. PR NO.: 12PR01012-02		8. ACTIVITY/AGENCY PROPOSAL NO.: N/A		9. RECIPIENT PROPOSAL NO.: 110-0304R1	
10. PROPOSAL DATE: 17-SEP-09		11. ACTIVITY TYPE: onr		12. PROGRAM TYPE: onr	
13. ISSUED TO 13a. ADDRESS:  UNIVERSITY OF MASSACHUSETTS AMHERST OFFICE OF GRANT AND CONTRACT ADMINISTRATION 70 BUTTERFIELD TERRACE AMHERST, MA 01003-9333		13b. CAGE: 1KVP4		13c. EDI/EFT NUMBER: 7108AB	
13d. BUSINESS OFFICE CONTACT: CAROL P SPRAGUE		14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13): Same as block #13			
13e. TELEPHONE NUMBER: ( )					
13f. EMAIL ADDRESS:					
15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE: Mechanisms for electron transfer through electrochemically active biofilms					
16. FUNDING		ACTIVITY/AGENCY SHARE		RECIPIENT SHARE	
PREVIOUSLY OBLIGATED:		\$419,957.29		\$ .00	
OBLIGATED BY THIS ACTION:		\$50,010.69		\$ .00	
TOTAL OBLIGATED ON AWARD:		\$469,967.98		\$ .00	
FUTURE FUNDING:		\$151,540.29		\$ .00	
GRANT TOTAL:		\$621,508.27		\$ .00	
TOTAL		\$419,957.29		\$419,957.29	
\$50,010.69		\$50,010.69		\$50,010.69	
\$469,967.98		\$469,967.98		\$469,967.98	
\$151,540.29		\$151,540.29		\$151,540.29	
\$621,508.27		\$621,508.27		\$621,508.27	
17. CURRENT FUNDING PERIOD N/A THROUGH N/A					
18. PERIOD OF PERFORMANCE 01-JAN-10 THROUGH 31-DEC-12					
19. ACCOUNTING AND APPROPRIATION DATA: See attached Financial Accounting Data Sheet (s)					
20a. PRINCIPAL INVESTIGATOR/RECIPIENT TECHNICAL REPRESENTATIVE: DEREK R LOVLEY		21. TECHNICAL REPRESENTATIVE 21a. NAME: Linda A. Chrisey 21c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995		21b. CODE: ONR 342	
20b. TELEPHONE NUMBER: (413) 5459651		20c. EMAIL ADDRESS: dlovley@microbio.umass.edu		21d. TELEPHONE NUMBER: (703) 696-4504	
21e. EMAIL ADDRESS: CHRISL@ONR.NAVY.MIL		22. AWARDOFFICE CONTACT 22a. NAME: Carol A. Porter 22c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995		22b. CODE: ONR BD025	
22d. TELEPHONE NUMBER: (703) 696-2587		22e. EMAIL ADDRESS: PORTERC@ONR.NAVY.MIL		23a. ADMINISTRATIVE OFFICE: ONR REG BOSTON N62879 495 SUMMER STREET ROOM 627 BOSTON, MA 02210-2109 PHONE: (617) 753-3283 FAX: (617) 753-4605	
23b. CODE: N62879		24. SUBMIT PAYMENT REQUEST TO: Same as block #23a		25a. PAYING OFFICE: 25b. CODE: HQ0251 DFAS COLUMB-NAVY ACQ HQ0251 COLUMBUS, OH 43213	
26a. PATENT OFFICE: Office of Naval Research ATTN: ONR BDCC One Liberty Center 875 North Randolph Street, Suite 1425 Arlington, VA 22203-1995		26b. CODE: N00014			


AWARD NO. N00014-10-1-0084		<b>AWARD/MODIFICATION</b>		MODIFICATION NO. P00005	
27. SPECIAL INSTRUCTIONS: See "Special Requirements" Attachment					
28. DELEGATIONS: The administration duties listed below have been delegated to the administrative office (block 23a). Upon request the awarding office contact (block 22) will make their full text available. Please direct questions to the contacts @: <a href="http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx">http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx</a>					
Full Delegation					
29. TERMS AND CONDITIONS: The following terms and conditions are incorporated herein by reference with the same force and effect as if they were given in full text. Upon request the awarding office contact named in block 22 will make their full text available, or they can be found as described below.					
DOCUMENT The following documents may be found at: <a href="http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx">http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx</a> UAAC Acceptance C November 2003 Agency Specific February 2011 UAWA Award A November 2003 Core June 2011					
30. OPTIONS		OPTION NO.	AMOUNT	PERIOD	
(1)					
(2)					
(3)					
(4)					
31. REPORTS: The following reports must be submitted to the indicated addressees, in the indicated quantities, within 90 days following the expiration or termination of the project. Final Technical Reports must have a SF298, Report Documentation Page, accompanying them. Unless otherwise stated in the award/modification, complete Block 12a of the SF298 as follows: "Approved for Public Release; distribution is Unlimited".					
ADDRESSEE		REPORT TYPE		COPIES	
See block #21		Final Technical Report with SF298 Interim Research Performance Report (As Required) with SF298		1 1	
See block #23a		Report of Inventions and Subcontracts - DD 882 Final Technical Report Interim Research Performance Report (As Required) Final Federal Financial Status Report - SF425 - Including Line Item 11		1 1 1 1	
Defense Technical Information Center 8725 John J Kingman Road Ste 0944 Fort Belvoir, VA 22060-6218		Final Technical Report with SF298 Interim Research Performance Report (As Required) with SF298		1 1	
See block #26a		Report of Inventions and Subcontracts - DD 882		1	
Naval Research Laboratory ATTN: CODE 5596 4555 Overlook Avenue SW Washington, DC 20375-5320		Final Technical Report Interim Research Performance Report (As Required) with SF298		1 1	
32. FOR THE RECIPIENT			33. FOR THE UNITED STATES OF AMERICA		
32a. SIGNATURE OF PERSON AUTHORIZED TO SIGN  N/A - SIGNATURE NOT REQUIRED ON THIS AWARD			33a. SIGNATURE OF AWARING OFFICER  (b) (6)		
32b. NAME AND TITLE OF SIGNER		32c. DATE SIGNED		33b. NAME AND TITLE OF AWARD OFFICER Ellen Simonoff	
				33c. DATE SIGNED 17-JAN-12	







AWARD NO. N00014-10-1-0084	<b>SPECIAL REQUIREMENTS</b>	MODIFICATION NO. P00005	

		<h1 style="text-align: center;">AWARD/ MODIFICATION</h1>		3a. ISSUED BY: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995	
				3b. CFDA: 12.300	
				3c. DUNS NUMBER:	
4. AWARD NO.: N00014-10-1-0084		1. INSTRUMENT TYPE: Grant		2. AUTHORITY: 10 USC 2358, 31 USC 6304	
8. ACTIVITY/AGENCY PROPOSAL NO.: N/A		5. MODIFICATION NO.: P00004		6. MODIFICATION TYPE: Increment	
13. ISSUED TO 13a. ADDRESS:  UNIVERSITY OF MASSACHUSETTS AMHERST OFFICE OF GRANT AND CONTRACT ADMINISTRATION 70 BUTTERFIELD TERRACE AMHERST, MA 01003-9333		9. RECIPIENT PROPOSAL NO.: 110-0304R1		7. PR NO.: 12PR01012-00	
13b. CAGE: 1KVP4		13c. EDI/EFT NUMBER: 7108AB		10. PROPOSAL DATE: 17-SEP-09	
13d. BUSINESS OFFICE CONTACT: CAROL P SPRAGUE		14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13): Same as block #13		11. ACTIVITY TYPE: onr	
13e. TELEPHONE NUMBER: ( )		13f. EMAIL ADDRESS:		12. PROGRAM TYPE: onr	
15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE: Mechanisms for electron transfer through electrochemically active biofilms					
16. FUNDING		ACTIVITY/AGENCY SHARE		RECIPIENT SHARE	
PREVIOUSLY OBLIGATED:		\$411,955.58		\$ .00	
OBLIGATED BY THIS ACTION:		\$8,001.71		\$ .00	
TOTAL OBLIGATED ON AWARD:		\$419,957.29		\$419,957.29	
FUTURE FUNDING:		\$201,550.98		\$201,550.98	
GRANT TOTAL:		\$621,508.27		\$621,508.27	
17. CURRENT FUNDING PERIOD N/A THROUGH N/A					
18. PERIOD OF PERFORMANCE 01-JAN-10 THROUGH 31-DEC-12					
19. ACCOUNTING AND APPROPRIATION DATA: See attached Financial Accounting Data Sheet (s)					
20a. PRINCIPAL INVESTIGATOR/RECIPIENT TECHNICAL REPRESENTATIVE: DEREK R LOVLEY		21. TECHNICAL REPRESENTATIVE 21a. NAME: Linda A. Chrisey 21c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995		21b. CODE: ONR 341	
20b. TELEPHONE NUMBER: (413) 5459651		20c. EMAIL ADDRESS: dlovley@microbio.umass.edu		21d. TELEPHONE NUMBER: (703) 696-4504	
22. AWARDOFFICE CONTACT 22a. NAME: Carol A. Porter		22b. CODE: ONR BD025		21e. EMAIL ADDRESS: CHRISSEL@ONR.NAVY.MIL	
22c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995		23a. ADMINISTRATIVE OFFICE:  ONR REG BOSTON N62879 495 SUMMER STREET ROOM 627 BOSTON, MA 02210-2109 PHONE: (617) 753-3283 FAX: (617) 753-4605		23b. CODE: N62879	
22d. TELEPHONE NUMBER: (703) 696-2587		22e. EMAIL ADDRESS: PORTERC@ONR.NAVY.MIL		24. SUBMIT PAYMENT REQUEST TO: Same as block #23a	
25a. PAYING OFFICE:  DFAS COLUMB-NAVY ACQ HQ0251 COLUMBUS, OH 43213		25b. CODE: HQ0251		26a. PATENT OFFICE:  Office of Naval Research ATTN: ONR BDCC One Liberty Center 875 North Randolph Street, Suite 1425 Arlington, VA 22203-1995	
				26b. CODE: N00014	


AWARD NO. N00014-10-1-0084		<b>AWARD/MODIFICATION</b>		MODIFICATION NO. P00004	
27. SPECIAL INSTRUCTIONS: See "Special Requirements" Attachment					
28. DELEGATIONS: The administration duties listed below have been delegated to the administrative office (block 23a). Upon request the awarding office contact (block 22) will make their full text available. Please direct questions to the contacts @ <a href="http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx">http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx</a>					
Full Delegation					
29. TERMS AND CONDITIONS: The following terms and conditions are incorporated herein by reference with the same force and effect as if they were given in full text. Upon request the awarding office contact named in block 22 will make their full text available, or they can be found as described below.					
DOCUMENT The following documents may be found at: <a href="http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx">http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx</a>  UAAC Acceptance C November 2003 Agency Specific February 2011 UAWA Award A November 2003 Core June 2011					
30. OPTIONS		OPTION NO.	AMOUNT	PERIOD	
(1)					
(2)					
(3)					
(4)					
31. REPORTS: The following reports must be submitted to the indicated addressees, in the indicated quantities, within 90 days following the expiration or termination of the project. Final Technical Reports must have a SF298, Report Documentation Page, accompanying them. Unless otherwise stated in the award/modification, complete Block 12a of the SF298 as follows: "Approved for Public Release; distribution is Unlimited".					
ADDRESSEE		REPORT TYPE		COPIES	
See block #21		Final Technical Report with SF298 Interim Research Performance Report (As Required) with SF298		1 1	
See block #23a		Report of Inventions and Subcontracts - DD 882 Final Technical Report Interim Research Performance Report (As Required) Final Federal Financial Status Report - SF425 - Including Line Item 11		1 1 1 1	
Defense Technical Information Center 8725 John J Kingman Road Ste 0944 Fort Belvoir, VA 22060-6218		Final Technical Report with SF298 Interim Research Performance Report (As Required) with SF298		1 1	
See block #26a		Report of Inventions and Subcontracts - DD 882		1	
Naval Research Laboratory ATTN: CODE 5596 4555 Overlook Avenue SW Washington, DC 20375-5320		Final Technical Report Interim Research Performance Report (As Required) with SF298		1 1	
32. FOR THE RECIPIENT			33. FOR THE UNITED STATES OF AMERICA		
32a. SIGNATURE OF PERSON AUTHORIZED TO SIGN  N/A - SIGNATURE NOT REQUIRED ON THIS AWARD			33a. SIGNATURE OF AWARDED OFFICER  (b) (6)		
32b. NAME AND TITLE OF SIGNER		32c. DATE SIGNED		33b. NAME AND TITLE OF AWARD OFFICER Ellen Simonoff	
				33c. DATE SIGNED 13-OCT-11	



# FINANCIAL ACCOUNTING DATA SHEET – NON-NAVY DoD ACTIVITIES

1. CONTRACT NUMBER (CRITICAL) N00014-10-1-0084		2. SPIN (CRITICAL)	3. MOD (CRITICAL) P00004	4. PR NUMBER 12PR01012-00	
5. CLIN/SLIN	6. ACRN (CRITICAL)	7. ACCOUNTING CITATION			8. AMOUNT (CRITICAL)
		This page is intentionally blank			
					NAVY INTERNAL USE ONLY REF DOC/ACRN
PREPARED/AUTHORIZED BY:  DATE:					PAGE TOTAL \$ . 00 GRAND TOTAL \$ . 00
COMPTROLLER APPROVAL: FOR FISCAL DATA AND SIGNATURE BY _____ DATE: _____					for COMPTROLLER, ONR CONTRACT REVIEWED

AWARD NO. N00014-10-1-0084	<b>SPECIAL REQUIREMENTS</b>	MODIFICATION NO. P00004	

		<h1 style="text-align: center;">AWARD/ MODIFICATION</h1>		3a. ISSUED BY: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995	
				3b. CFDA: 12.300	
1. INSTRUMENT TYPE: Grant		2. AUTHORITY: 10 USC 2358, 31 USC 6304		3c. DUNS NUMBER:	
4. AWARD NO.: N00014-10-1-0084		5. MODIFICATION NO.: P00003		6. MODIFICATION TYPE: Increment	
8. ACTIVITY/AGENCY PROPOSAL NO.: N/A		9. RECIPIENT PROPOSAL NO.: 110-0304R1		7. PR NO.: 12PR01012-01	
13. ISSUED TO 13a. ADDRESS:  UNIVERSITY OF MASSACHUSETTS AMHERST OFFICE OF GRANT AND CONTRACT ADMINISTRATION 70 BUTTERFIELD TERRACE AMHERST, MA 01003-9333		13b. CAGE: 1KVP4		13c. EDI/EFT NUMBER: 7108AB	
13d. BUSINESS OFFICE CONTACT: CAROL P SPRAGUE		14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13): Same as block #13		12. PROGRAM TYPE: ONR	
13e. TELEPHONE NUMBER: ( )		13f. EMAIL ADDRESS:		15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE: Mechanisms for electron transfer through electrochemically active biofilms	
16. FUNDING		ACTIVITY/AGENCY SHARE		RECIPIENT SHARE	
PREVIOUSLY OBLIGATED:		\$361,944.89		\$0.00	
OBLIGATED BY THIS ACTION:		\$50,010.69		\$0.00	
TOTAL OBLIGATED ON AWARD:		\$411,955.58		\$0.00	
FUTURE FUNDING:		\$209,552.69		\$0.00	
GRANT TOTAL:		\$621,508.27		\$0.00	
17. CURRENT FUNDING PERIOD N/A THROUGH N/A		18. PERIOD OF PERFORMANCE 01-JAN-10 THROUGH 31-DEC-12		19. ACCOUNTING AND APPROPRIATION DATA: See attached Financial Accounting Data Sheet (s)	
20a. PRINCIPAL INVESTIGATOR/RECIPIENT TECHNICAL REPRESENTATIVE: DEREK R LOVLEY		21. TECHNICAL REPRESENTATIVE 21a. NAME: Linda A. Chrisey 21c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995		21b. CODE: ONR 341	
20b. TELEPHONE NUMBER: (413) 5459651		20c. EMAIL ADDRESS: dlovley@microbio.umass.edu		21d. TELEPHONE NUMBER: (703) 696-4504	
21e. EMAIL ADDRESS: CHRISL@ONR.NAVY.MIL		22. AWARDOFFICE CONTACT 22a. NAME: Carol A. Porter 22c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995		22b. CODE: ONR BD025	
23a. ADMINISTRATIVE OFFICE:  ONR REG BOSTON N62879 495 SUMMER STREET ROOM 627 BOSTON, MA 02210-2109 PHONE: (617) 753-3283 FAX: (617) 753-4605		23b. CODE: N62879		24. SUBMIT PAYMENT REQUEST TO: Same as block #23a	
24a. PAYING OFFICE:  DFAS COLUMB-NAVY ACQ HQ0251 COLUMBUS, OH 43213		24b. CODE: HQ0251		24c. CODE: N00014	
24d. TELEPHONE NUMBER: (703) 696-2587		24e. EMAIL ADDRESS: PORTER@ONR.NAVY.MIL		24f. CODE: N00014	
24g. CODE: N00014		24h. CODE: N00014		24i. CODE: N00014	

AWARD NO. N00014-10-1-0084		<b>AWARD/MODIFICATION</b>		MODIFICATION NO. P00003	
27. SPECIAL INSTRUCTIONS: See "Special Requirements" Attachment					
28. DELEGATIONS: The administration duties listed below have been delegated to the administrative office (block 23a). Upon request the awarding office contact (block 22) will make their full text available. Please direct questions to the contacts @: <a href="http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx">http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx</a>					
Full Delegation					
29. TERMS AND CONDITIONS: The following terms and conditions are incorporated herein by reference with the same force and effect as if they were given in full text. Upon request the awarding office contact named in block 22 will make their full text available, or they can be found as described below.					
DOCUMENT The following documents may be found at: <a href="http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx">http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx</a>  UAAC Acceptance C November 2003 Agency Specific February 2011 UAWA Award A November 2003 Core June 2011					
30. OPTIONS		OPTION NO.	AMOUNT	PERIOD	
(1)					
(2)					
(3)					
(4)					
31. REPORTS: The following reports must be submitted to the indicated addressees, in the indicated quantities, within 90 days following the expiration or termination of the project. Final Technical Reports must have a SF298, Report Documentation Page, accompanying them. Unless otherwise stated in the award/modification, complete Block 12a of the SF298 as follows: "Approved for Public Release; distribution is Unlimited".					
ADDRESSEE		REPORT TYPE			COPIES
See block #21		Final Technical Report with SF298 Interim Research Performance Report (As Required) with SF298			1 1
See block #23a		Report of Inventions and Subcontracts - DD 882 Final Technical Report Interim Research Performance Report (As Required) Final Federal Financial Status Report - SF425 - Including Line Item 11			1 1 1 1
Defense Technical Information Center 8725 John J Kingman Road Ste 0944 Fort Belvoir, VA 22060-6218		Final Technical Report with SF298 Interim Research Performance Report (As Required) with SF298			1 1
See block #26a		Report of Inventions and Subcontracts - DD 882			1
Naval Research Laboratory ATTN: CODE 5596 4555 Overlook Avenue SW Washington, DC 20375-5320		Final Technical Report Interim Research Performance Report (As Required) with SF298			1 1
32. FOR THE RECIPIENT			33. FOR THE UNITED STATES OF AMERICA		
32a. SIGNATURE OF PERSON AUTHORIZED TO SIGN  N/A - SIGNATURE NOT REQUIRED ON THIS AWARD			33a. SIGNATURE OF AWARDING OFFICER  (b) (6)		
32b. NAME AND TITLE OF SIGNER		32c. DATE SIGNED		33b. NAME AND TITLE OF AWARD OFFICER Ellen Simonoff	
				33c. DATE SIGNED 12-OCT-11	






# FINANCIAL ACCOUNTING DATA SHEET – NON-NAVY DoD ACTIVITIES

1. CONTRACT NUMBER (CRITICAL) N00014-10-1-0084		2. SPIIN (CRITICAL)	3. MOD (CRITICAL) P00003	4. PR NUMBER 12PR01012-01		
5. CLIN/SIN	6. ACRN (CRITICAL)	7. ACCOUNTING CITATION			8. AMOUNT (CRITICAL)	NAVY INTERNAL USE ONLY REF DOC/ACRN
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<div> <div>PAGE TOTAL</div> <div>GRAND TOTAL</div> </div>						<div>\$ .00</div> <div>\$ .00</div>
PREPARED/AUTHORIZED BY: _____ DATE: _____						COMPTROLLER APPROVAL: FOR FISCAL DATA AND SIGNATURE BY _____ DATE: _____ for COMPTROLLER, ONR CONTRACT REVIEWED

AWARD NO. N00014-10-1-0084	<b>SPECIAL REQUIREMENTS</b>	MODIFICATION NO. P00003	

		<h1 style="text-align: center;">AWARD/ MODIFICATION</h1>		3a. ISSUED BY: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995	
				3b. CFDA: 12.300	
1. INSTRUMENT TYPE: Grant		3c. DUNS NUMBER:			
2. AUTHORITY: 10 USC 2358, 31 USC 6304		5. MODIFICATION NO.: P00002			
4. AWARD NO.: N00014-10-1-0084		6. MODIFICATION TYPE: Increment		7. PR NO.: 11PR00362-01	
8. ACTIVITY/AGENCY PROPOSAL NO.: N/A		9. RECIPIENT PROPOSAL NO.: 110-0304R1		10. PROPOSAL DATE: 17-SEP-09	
11. ACTIVITY TYPE: onr		12. PROGRAM TYPE: onr			
13. ISSUED TO 13a. ADDRESS:  UNIVERSITY OF MASSACHUSETTS AMHERST OFFICE OF GRANT AND CONTRACT ADMINISTRATION 70 BUTTERFIELD TERRACE AMHERST, MA 01003-9333		13b. CAGE: 1KVP4		13c. EDI/EFT NUMBER: 7108AB	
13d. BUSINESS OFFICE CONTACT: CAROL P SPRAGUE		14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13): Same as block #13			
13e. TELEPHONE NUMBER: ( )					
13f. EMAIL ADDRESS:					
15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE: Mechanisms for electron transfer through electrochemically active biofilms					
16. FUNDING					
ACTIVITY/AGENCY SHARE		RECIPIENT SHARE		TOTAL	
PREVIOUSLY OBLIGATED:		\$206,403.70		\$206,403.70	
OBLIGATED BY THIS ACTION:		\$155,541.19		\$155,541.19	
TOTAL OBLIGATED ON AWARD:		\$361,944.89		\$361,944.89	
FUTURE FUNDING:		\$259,563.38		\$259,563.38	
GRANT TOTAL:		\$621,508.27		\$621,508.27	
17. CURRENT FUNDING PERIOD N/A THROUGH N/A					
18. PERIOD OF PERFORMANCE 01-JAN-10 THROUGH 31-DEC-12					
19. ACCOUNTING AND APPROPRIATION DATA: See attached Financial Accounting Data Sheet (s)					
20a. PRINCIPAL INVESTIGATOR/RECIPIENT TECHNICAL REPRESENTATIVE: DEREK R LOVLEY		21. TECHNICAL REPRESENTATIVE 21a. NAME: Linda A. Chrisey		21b. CODE: ONR 341	
		21c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995			
20b. TELEPHONE NUMBER: (413) 5459651		20c. EMAIL ADDRESS: dlovley@microbio.umass.edu		21d. TELEPHONE NUMBER: (703) 696-4504	
21e. EMAIL ADDRESS: CHRISL@ONR.NAVY.MIL					
22. AWARDOFFICE CONTACT 22a. NAME: Carol A. Porter		22b. CODE: ONR BD025		23a. ADMINISTRATIVE OFFICE: ONR REG BOSTON N62879 495 SUMMER STREET ROOM 627 BOSTON, MA 02210-2109 PHONE: (617) 753-3283 FAX: (617) 753-4605	
22c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995		23b. CODE: N62879			
22d. TELEPHONE NUMBER: (703) 696-2587		22e. EMAIL ADDRESS: PORTERC@ONR.NAVY.MIL			
24. SUBMIT PAYMENT REQUEST TO: Same as block #23a		25a. PAYING OFFICE: DFAS COLUMB-NAVY ACQ HQ0251 COLUMBUS, OH 43213		25b. CODE: HQ0251	
		26a. PATENT OFFICE: Office of Naval Research ATTN: ONR BDCC One Liberty Center 875 North Randolph Street, Suite 1425 Arlington, VA 22203-1995			
		26b. CODE: N00014			






# FINANCIAL ACCOUNTING DATA SHEET – NON-NAVY DoD ACTIVITIES

1. CONTRACT NUMBER (CRITICAL) N00014-10-1-0084		2. SPIN (CRITICAL)	3. MOD (CRITICAL) P00002	4. PR NUMBER 11PR00362-01		
5. CLIN/SLIN	6. ACRN (CRITICAL)	7. ACCOUNTING CITATION			8. AMOUNT (CRITICAL)	NAVY INTERNAL USE ONLY REF DOC/ACRN
		This page is intentionally blank				
					PAGE TOTAL \$ .00	
					GRAND TOTAL \$ .00	
PREPARED/AUTHORIZED BY:		COMPTROLLER APPROVAL: FOR FISCAL DATA AND SIGNATURE				
DATE:		BY _____ for COMPTROLLER, ONR CONTRACT REVIEWED DATE:				

AWARD NO. N00014-10-1-0084	<b>SPECIAL REQUIREMENTS</b>	MODIFICATION NO. P00002	
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		<h1 style="text-align: center;">AWARD/ MODIFICATION</h1>		3a. ISSUED BY: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995	
				3b. CFDA: 12.300	
4. AWARD NO.: N00014-10-1-0084		1. INSTRUMENT TYPE: Grant		3c. DUNS NUMBER:	
8. ACTIVITY/AGENCY PROPOSAL NO.: N/A		2. AUTHORITY: 10 USC 2358, 31 USC 6304		7. PR NO.: 11PR00362-00	
5. MODIFICATION NO.: P00001		6. MODIFICATION TYPE: Increment		12. PROGRAM TYPE: onr	
9. RECIPIENT PROPOSAL NO.: 110-0304R1		10. PROPOSAL DATE: 17-SEP-09		11. ACTIVITY TYPE:	
13. ISSUED TO 13a. ADDRESS:  UNIVERSITY OF MASSACHUSETTS AMHERST OFFICE OF GRANT AND CONTRACT ADMINISTRATION 70 BUTTERFIELD TERRACE AMHERST, MA 01003-9333		13b. CAGE: 1KVP4		13c. EDI/EFT NUMBER: 7108AB	
13d. BUSINESS OFFICE CONTACT: CAROL P SPRAGUE		14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13): Same as block #13			
13e. TELEPHONE NUMBER: ( )					
13f. EMAIL ADDRESS:					
15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE: Mechanisms for electron transfer through electrochemically active biofilms					
16. FUNDING					
ACTIVITY/AGENCY SHARE		RECIPIENT SHARE		TOTAL	
PREVIOUSLY OBLIGATED:		\$154,556.70		\$154,556.70	
OBLIGATED BY THIS ACTION:		\$51,847.00		\$51,847.00	
TOTAL OBLIGATED ON AWARD:		\$206,403.70		\$206,403.70	
FUTURE FUNDING:		\$415,104.57		\$415,104.57	
GRANT TOTAL:		\$621,508.27		\$621,508.27	
17. CURRENT FUNDING PERIOD N/A THROUGH N/A					
18. PERIOD OF PERFORMANCE 01-JAN-10 THROUGH 31-DEC-12					
19. ACCOUNTING AND APPROPRIATION DATA: See attached Financial Accounting Data Sheet (s)					
20a. PRINCIPAL INVESTIGATOR/RECIPIENT TECHNICAL REPRESENTATIVE: DERBK R LOVLEY		21. TECHNICAL REPRESENTATIVE 21a. NAME: Linda A. Chrisey		21b. CODE: ONR 341	
		21c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995			
20b. TELEPHONE NUMBER: (413) 5459651		20c. EMAIL ADDRESS: dlovley@microbio.umass.edu		21d. TELEPHONE NUMBER: (703) 696-4504	
21e. EMAIL ADDRESS: CHRISL@ONR.NAVY.MIL					
22. AWARDDING OFFICE CONTACT 22a. NAME: Carol A. Porter		22b. CODE: ONR BD025		23a. ADMINISTRATIVE OFFICE:	
22c. ADDRESS: Office of Naval Research 875 North Randolph Street Arlington, VA 22203-1995		23b. CODE: N62879			
22d. TELEPHONE NUMBER: (703) 696-2587		22e. EMAIL ADDRESS: PORTERC@ONR.NAVY.MIL			
23c. ADDRESS: ONR REG BOSTON N62879 495 SUMMER STREET ROOM 627 BOSTON, MA 02210-2109 PHONE: (617) 753-3283 FAX: (617) 753-4605					
24. SUBMIT PAYMENT REQUEST TO: Same as block #23a		25a. PAYING OFFICE: DFAS COLUMB-NAVY ACQ HQ0251 COLUMBUS, OH 43213		25b. CODE: HQ0251	
		26a. PATENT OFFICE: Office of Naval Research ATTN: ONR BDCC One Liberty Center 875 North Randolph Street, Suite 1425 Arlington, VA 22203-1995			
		26b. CODE: N00014			



# FINANCIAL ACCOUNTING DATA SHEET - NAVY

1. CONTRACT NUMBER (CRITICAL) N00014-10-1-0084		2. SPIN (CRITICAL)		3. MOD (CRITICAL) P00001		4. PR NUMBER 11PR00362-00			
5. LINE OF ACCOUNTING									
CLIN/SIN	A. ACRN (CRITICAL)	B. APPROPRIATION (CRITICAL)	C. SUBHEAD (CRITICAL)	D. OBJ CLA	E. PARM	F. RFM	G. SA	H. AAA (CRITICAL)	I. IT
	AB	1711319	WIAE	255	RA	349	0	068342	2D
6. COST CODE									
J. PAA		K. PROJ UNIT		MCC		PDI & SUF		7. AMOUNT (CRITICAL)	
		04502		000		5120		\$51,847.00	
NAVY INTERNAL USE ONLY REF DOC/ACRN PR#11PR00362-00 FRC:4512									
PAGE TOTAL \$51,847.00									
GRAND TOTAL \$51,847.00									
COMPTROLLER APPROVAL: FOR FISCAL DATA AND SIGNATURE BY _____ DATE: _____ for COMPTROLLER, ONR CONTRACT REVIEWED									



AWARD NO. N00014-10-1-0084	<b>SPECIAL REQUIREMENTS</b>	MODIFICATION NO. P00001	